
Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=7; day=19; hr=10; min=51; sec=33; ms=7;]

Reviewer Comments:

<210> 54

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> polylysine sequence

<400> 54

As an explanation of "<213> Artificial Sequence", the above <223> response needs more inforamtion regarding the source of the genetic material: it is obvious that this is a polylysine sequence. Same in the <223> response in Sequence 62.

<160> 50

<210> 62

<211> 27

<212> DNA

<213> Artificial Sequence

Although the above <160> response is "50", there are 62 sequences in the submitted file.

***********	*****

Validated By CRFValidator v 1.0.3

Application No: 10559758 Version No: 2.0

Input Set:

Output Set:

Started: 2010-07-16 13:05:09.442 **Finished:** 2010-07-16 13:05:13.391

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 949 ms

Total Warnings: 62
Total Errors: 2

No. of SeqIDs Defined: 50
Actual SeqID Count: 62

Err	or code	Error Description
E	287	Invalid WIPO ST.2 date format; Use (YYYY-MM-DD) in <141>
W	213	Artificial or Unknown found in <213> in SEQ ID (1)
W	213	Artificial or Unknown found in <213> in SEQ ID (2)
W	213	Artificial or Unknown found in <213> in SEQ ID (3)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
W	213	Artificial or Unknown found in <213> in SEQ ID (8)
W	213	Artificial or Unknown found in <213> in SEQ ID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
W	213	Artificial or Unknown found in <213> in SEQ ID (11)
W	213	Artificial or Unknown found in <213> in SEQ ID (12)
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W	213	Artificial or Unknown found in <213> in SEQ ID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (15)
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W	213	Artificial or Unknown found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
W	213	Artificial or Unknown found in <213> in SEQ ID (19)

Input Set:

Output Set:

Started: 2010-07-16 13:05:09.442 **Finished:** 2010-07-16 13:05:13.391

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 949 ms

Total Warnings: 62
Total Errors: 2

No. of SeqIDs Defined: 50

Actual SeqID Count: 62

Eri	or code	Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occured more than 20 times, will not be displayed
E	252	Calc# of Seq. differs from actual; 50 seqIds defined; count=62

SEQUENCE LISTING

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<120>	PEPTIDE LIGANDS
<130>	ABL-012.1P US
	10559758 2010-07-16
	PCT/EP2004/002421 2004-06-07
	GB 03 13132.3 2003-06-06
<160>	50
<170>	PatentIn version 3.1
<210>	1
<211>	5
<212>	PRT
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<220>	
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<220>	
<221>	MISC_FEATURE
<222>	(2)(4)
<223>	Xaa at position $2 = \text{any amino acid residue}$, Xaa at position $3 = \text{a}$ ny amino acid residue, Xaa at position $4 = \text{any amino acid residue}$

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Pro Xaa Xaa Xaa Thr
<210> 2
<211> 4
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<220>
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<222> (3)..(3)
<223> Xaa at position 3 = any amino acid residue
<400> 2
Pro Ser Xaa Ser
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<211> 5
<212> PRT
<213> Artificial Sequence
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<223> Synthetic peptide binding to dendritic cells
<220>
<221> MISC_FEATURE
<222> (2)..(4)
```

<223> Xaa at position 2 = any amino acid, Xaa at position 3 = any amino

acid having an amide side chain, Xaa at position 4 = any amino a cid

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<211> 3
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<213> Artificial Sequence
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       Synthetic peptide binding to dendritic cells
<223>
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<220>

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<222> (2)..(2)
<223> Xaa at position 2 = any amino acid residue
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Pro Ala Leu Lys Thr
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Synthetic peptide binding to dendritic cells
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<223> Xaa at position 2 = any amino acid residue
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<221> MISC_FEATURE
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<223> Xaa at position 4 = any amino acid residue
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Pro Ser Asn Ser Thr
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<213> Artificial Sequence

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       Synthetic peptide binding to dendritic cells
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Pro Pro Asn Thr Thr
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       Synthetic peptide binding to dendritic cells
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<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = an
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<220>
<221> MISC_FEATURE
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<223> Xaa at position 6 = any amino acid resdue
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<211> 6
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<220>

<212> PRT

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<213> Artificial Sequence

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Synthetic peptide binding to dendritic cells
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<223> Xaa at position 2 = any amino acid residue
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa at position 4 = any amino acid residue
<220>
<221> MISC_FEATURE
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<223> Xaa at position 6 = any amino acid residue
<400> 12
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<211> 6
<212> PRT
<213> Artificial Sequence
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<223> Synthetic peptide binding to dendritic cells
<220>
<221> MISC_FEATURE
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<222> (1)..(1)

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<221> MISC_FEATURE
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      (3)..(5)
<223> Xaa at position 3 = any amino acid residue, Xaa at position <math>4 = a
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<210> 14
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<223>
      Synthetic peptide binding to dendritic cells
<220>
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<222>
      (1)..(1)
<223> Xaa at position 1 = any amino acid residue
<220>
<221> MISC_FEATURE
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      (3)..(5)
<223> Xaa at position 3 = any amino acid residue, Xaa at position 4 = a
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ny amino acid residue, Xaa at position 5 = any amino acid residue

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Ser Pro Ala Leu Lys Thr Val
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<400> 18
Pro Ser Asn Ser
<210> 19
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<400> 19
Pro Ser Leu Ser
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<222> (1)..(1)
<223> Xaa at position 1 = Ala or Lys
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<223> Synthetic peptide binding to dendritic cells
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<400> 21

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<400> 24
Pro Met Leu Pro Ser Leu Ser
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<210> 26
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Thr Ala Arg Asp Tyr Arg Leu
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Phe Pro Arg Ala Pro His His
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<211> 7

<213> Artificial Sequence

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<223> Synthetic peptide binding to dendritic cells
<400> 34
Ile Gly Gly Ile Arg Arg His
<210> 35
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<223> Synthetic peptide binding to dendritic cells
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Tyr Thr Met Glu Phe Asn Arg
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<223> Synthetic peptide binding to dendritic cells
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<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = a
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<222> (6)..(6)
<223> Xaa at position 6 = Ala or Val
```

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<223> Synthetic peptide binding to dendritic cells
<220>
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<223> Xaa at position 2 = any amino acid residue,
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<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa at position 4 = any amino acid residue,
<400> 38
Pro Xaa Asn Xaa Thr
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<211> 5
<212> PRT
<213> Artificial Sequence
<220>
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<223> Synthetic peptide binding to dendritic cells

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<222> (2)..(4)
<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = A
      sn or Leu, Xaa at position 4 = any amino acid residue
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Pro Xaa Xaa Xaa Thr
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<211> 5
<212> PRT
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<220>
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Pro Xaa Asn Xaa Thr
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<220>

1

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<223> Synthetic peptide binding to dendritic cells
<220>
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<222> (1)..(1)
<223> Xaa at position 1 = Ala or Leu
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<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa at position 4 = any amino acid residue
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Xaa Pro Ser Xaa Ser
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<223> Synthetic peptide binding to dendritic cells
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<220>

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      sn or Gln, Xaa at position 3 = any amino acid residue
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Ser Xaa Ser
<210> 44
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<213> Artificial Sequence
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<210> 45
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<223> Peptide derivative of the invention
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      20
            25
<210> 46
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<223> Peptide derivative of the invention
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1 5
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20 25

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25

<210> 49

20

<211> 28

<212> PRT

```
<220>
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5
                 10
                                    15
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       20
                     25
<210> 50
<211> 28
<212> PRT
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<223> Peptide derivative of the invention
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      20
<210> 51
<211> 27
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<220>
<223> Peptide derivative of the invention
<400> 51
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10 15

<213> Artificial Sequence

Gly Ala Cys Arg Arg Glu Glu Trp Ala Cys Gly

1 5

20 25

```
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<211> 28
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         20
                        25
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<213> Artificial Sequence
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<211> 16
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<223> hydrophobic spacer sequence

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<223> x = epsilon-amino hexanoic acid residue

<220>
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<222> (3)..(3)
<223> x = epsilon-amino hexanoic acid residue
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